US-PAT-NO: 5166051

DOCUMENT-IDENTIFIER: US 5166051 A

TITLE: Membranes, membrane overlays for exclusion of erythrocytes, and method for immunoassay of whole blood analytes

## ----- KWIC -----

Optionally, the overlay membrane may be hydrophilic on one side and hydrophobic on the other to prevent the reverse flow of analyte away from the direction of the detection zone membrane. The overlay membrane must remain in continuous contact over the entire surface of the detection zone membrane to provide a uniform size exclusion of RBC as well as to provide a uniform and continuous channel for the analyte to flow from the upper surface of the overlay membrane to the detection zone membrane.





L	Hits	Search Text	DB	l mi-
Number	nits	Search Text	מע	Time stamp
1	143612	hydrophobic	USPAT;	2003/03/07
_		11,44,911,42	US-PGPUB;	12:35
			EPO; JPO;	12.33
		•	DERWENT;	
			IBM TDB	
2	1874355	region or zone	USPAT;	2003/03/07
_		1 2 2011 02 20110	US-PGPUB;	12:36
			EPO; JPO;	12.30
			DERWENT;	
	1		IBM TDB	
3	8728	hydrophobic with (region or zone)	USPAT;	2003/03/07
-		light of the content	US-PGPUB;	12:36
			EPO; JPO;	12.36
			DERWENT;	
			IBM TDB	}
4	161520	hydrophilic	USPAT;	2003/03/07
1	101320	inydrophilic.	US-PGPUB;	12:37
			EPO; JPO;	12:37
			DERWENT;	
			IBM TDB	
5	8232	(region or zone) with hydrophilic	USPAT;	2003/03/07
] ~	0232	(region of zone, with hydrophilic	US-PGPUB;	12:37
			EPO; JPO;	12:37
			DERWENT;	
			IBM TDB	
6	3713	(hydrophobic with (region or zone)) same	USPAT;	2003/03/07
ľ	3,13	((region or zone) with hydrophilic)	US-PGPUB;	12:38
		((region of zone, with hydrophilite)	EPO; JPO;	12:30
			DERWENT;	
7	73462	422/\$.ccls.	IBM_TDB USPAT;	2003/03/07
•	,5402	1.00, 7.0010.	US-PGPUB;	12:38
			EPO; JPO;	12:30
			DERWENT;	
			IBM TDB	
8	121	((hydrophobic with (region or zone)) same	USPAT;	2002/02/07
-	121	((region or zone) with hydrophilic)) and	US-PGPUB;	2003/03/07
		422/\$.ccls.	EPO; JPO;	12.39
		, 7.0010.	DERWENT;	
			IBM TDB	]
			T DM I DD	